

Corrugate

RESIDENTIAL VERTICAL CLADDING - DIRECT FIX

DETAIL LIST

		<u>Revision</u>	<u>Date</u>
C 00 / 15	COVER SHEET		
C 01 / 15	PARAPET WITH TRANSVERSE APRON	2.0	JULY 2024
C 02 / 15	SCUPPER W/ RAINWATER HEAD	2.0	JULY 2024
C 03 / 15	SOFFIT	2.0	JULY 2024
C 04 / 15	WINDOW HEAD	2.0	JULY 2024
C 05 / 15	WINDOW SILL	2.0	JULY 2024
C 06 / 15	WINDOW JAMB	2.0	JULY 2024
C 07 / 15	INTERNAL CORNER	2.0	JULY 2024
C 08 / 15	EXTERNAL CORNER	2.0	JULY 2024
C 09 / 15	SOAKER FLASHING	2.0	JULY 2024
C 10 / 15	CHANGE IN CLADDING	2.0	JULY 2024
C 11 / 15	CLADDING ABUTMENT	2.0	JULY 2024
C 12 / 15	BOTTOM OF CLADDING (FLUSH)	2.0	JULY 2024
C 13 / 15	BOTTOM OF CLADDING (RECESSED)	2.0	JULY 2024
C 14 / 15	3D WINDOW FLASHINGS	2.0	JULY 2024
C 15 / 15	3D RAINWATER HEAD	2.0	JULY 2024

SUITABLE UP TO RISK MATRIX OF 20, HOWEVER
CORRUGATE ON CAVITY IS RECOMMENDED

AS PER E2/ASI

	SITUATION 1	SITUATION 2	SITUATION 3
	1. LOW, MEDIUM, HIGH WIND ZONES, WHERE ROOF PITCH $\geq 10^\circ$	1. ALL ROOF PITCHES IN VERY HIGH WIND ZONE 2. LOW, MEDIUM, HIGH WIND ZONES WHERE ROOF PITCH $\leq 10^\circ$	1. FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONES
Z	MIN. 50mm	MIN. 70mm	MIN. 90mm

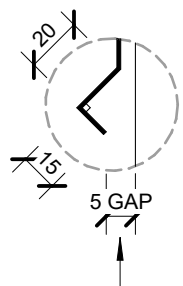
AS PER MRM CODE OF PRACTICE

	CATEGORY A	CATEGORY B	CATEGORY C	CATEGORY D
	LOW, MEDIUM OR HIGH WIND ZONES - ALL ROOF PITCHES VERY HIGH AND EXTRA HIGH WIND ZONES WHERE THE PITCH IS EQUAL TO OR GREATER THAN 10°	VERY HIGH WIND ZONES ROOF PITCH $< 8^\circ$ EXTRA HIGH WIND ZONES - ALL ROOF PITCHES	SED WIND ZONES UP TO 60 m/s ALL ROOF PITCH	SED WIND ZONES UP TO 68 m/s ALL ROOF PITCH
Z	MIN. 50mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 75mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 75mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 100mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 100mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)	MIN. 100mm (VERTICALLY DOWN FACE - SMOOTH) MIN. 125mm (VERTICALLY DOWN FACE - PROFILED)

PRE-FINISHED PARAPET CAP FLASHING
NO FIXINGS ON TOP OF FLASHING

DPC TO PROVIDE SEPARATION OF METAL CAPPING AND TIMBER, SHOWN DASHED

CONTINUOUS TIMBER PACKING



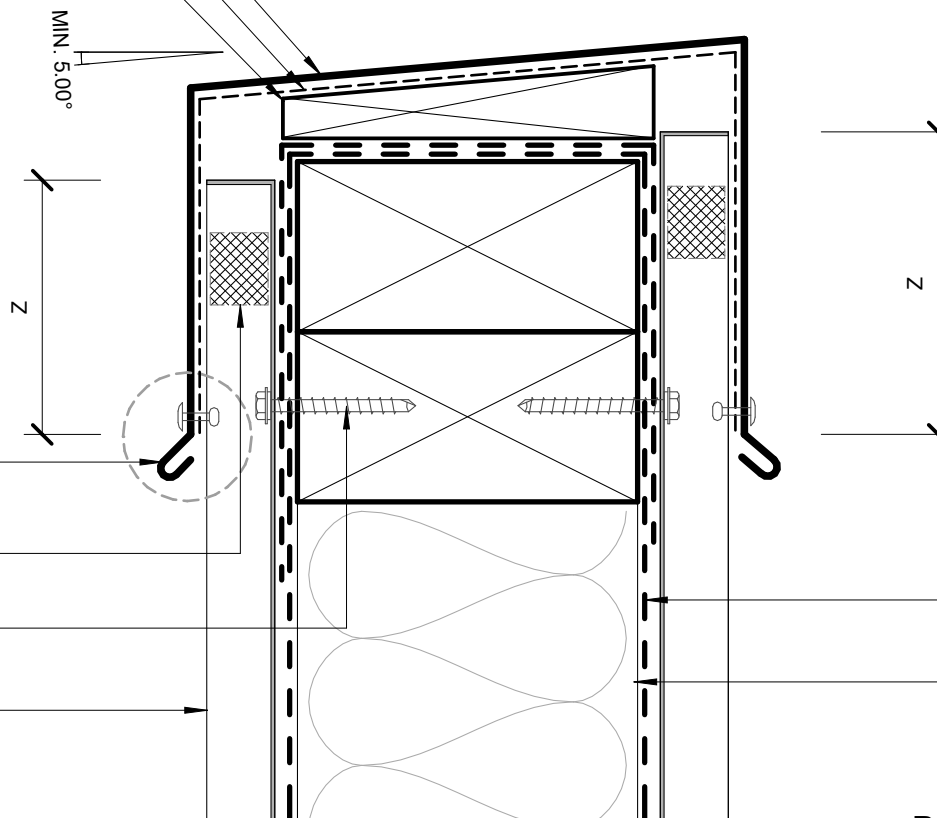
ALTERNATIVE OPTION
BIRDS BEAK EDGE

HEMMED EDGE

COMPRESSIBLE FOAM SEAL

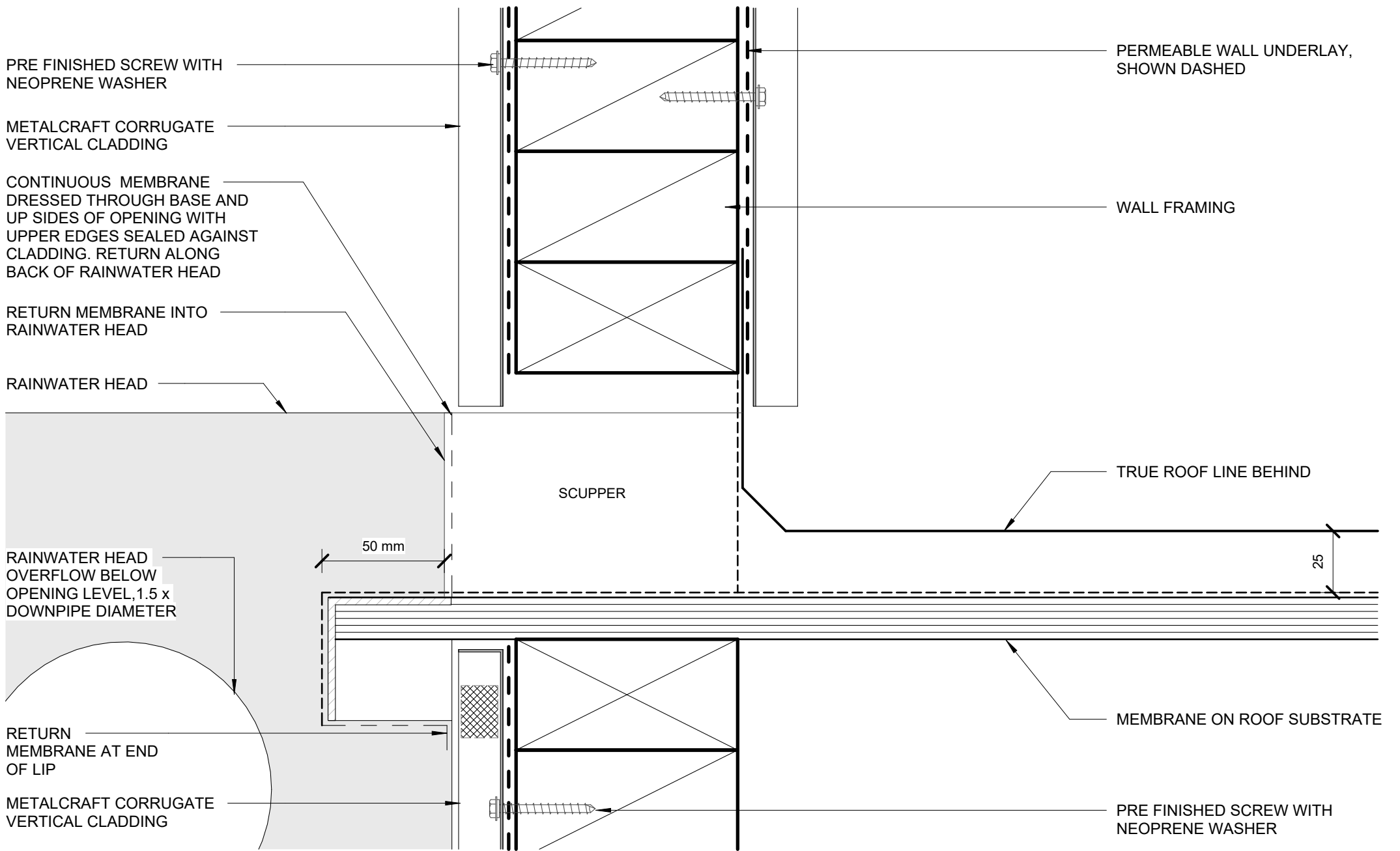
PRE-FINISHED SELF DRILLING/TAPPING SCREW WITH NEOPRENE WASHER

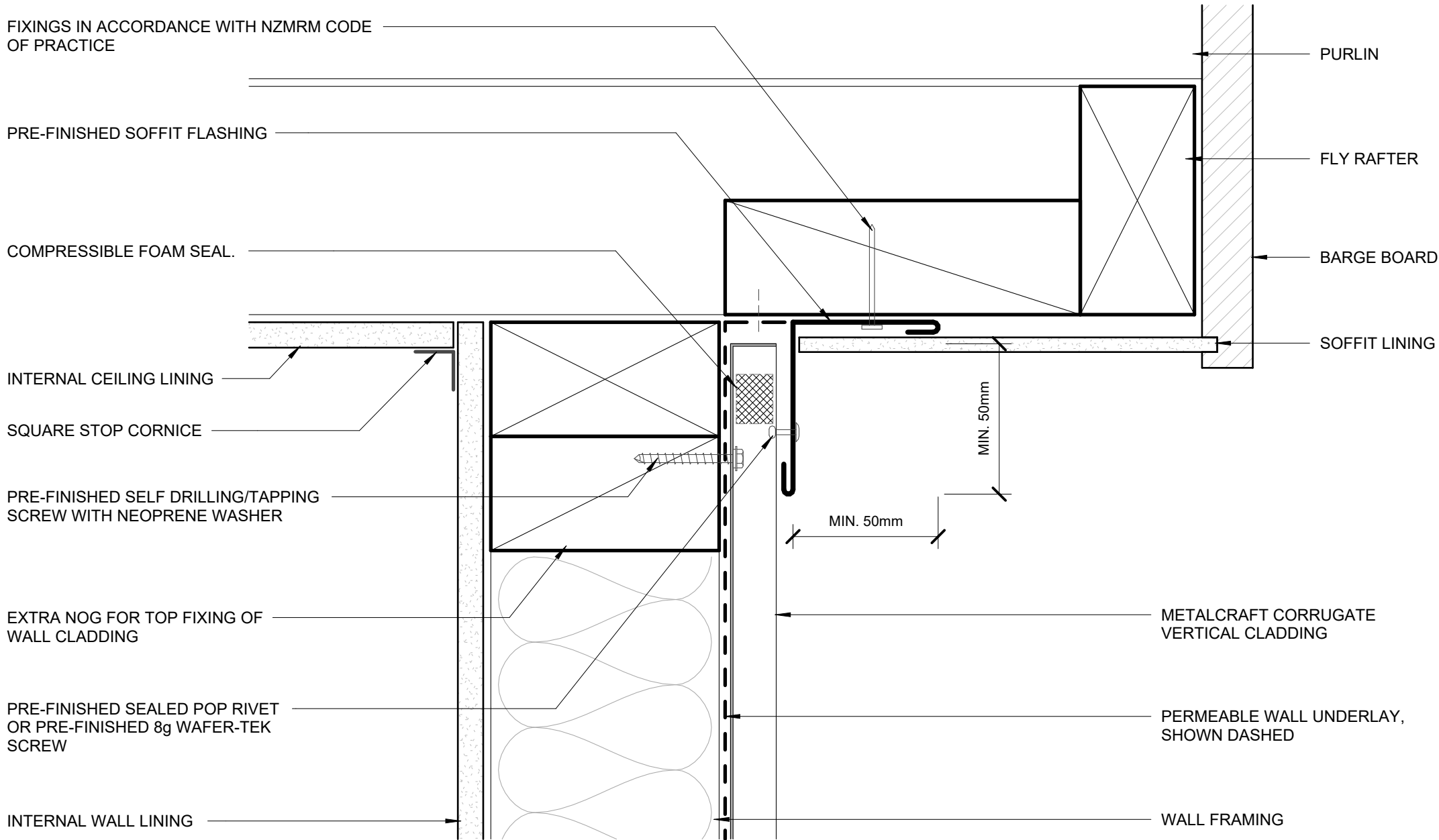
METALCRAFT CORRUGATE VERTICAL CLADDING

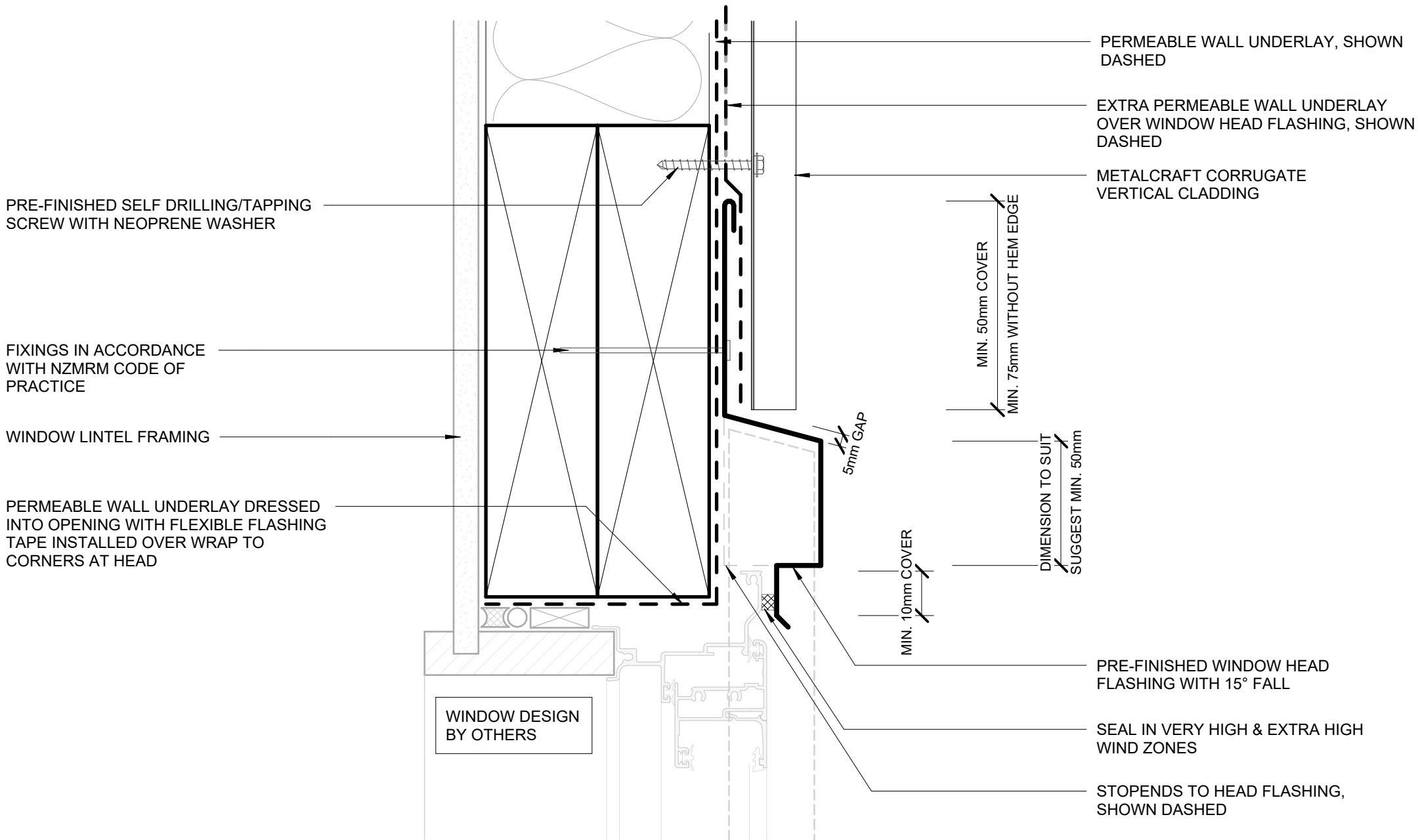


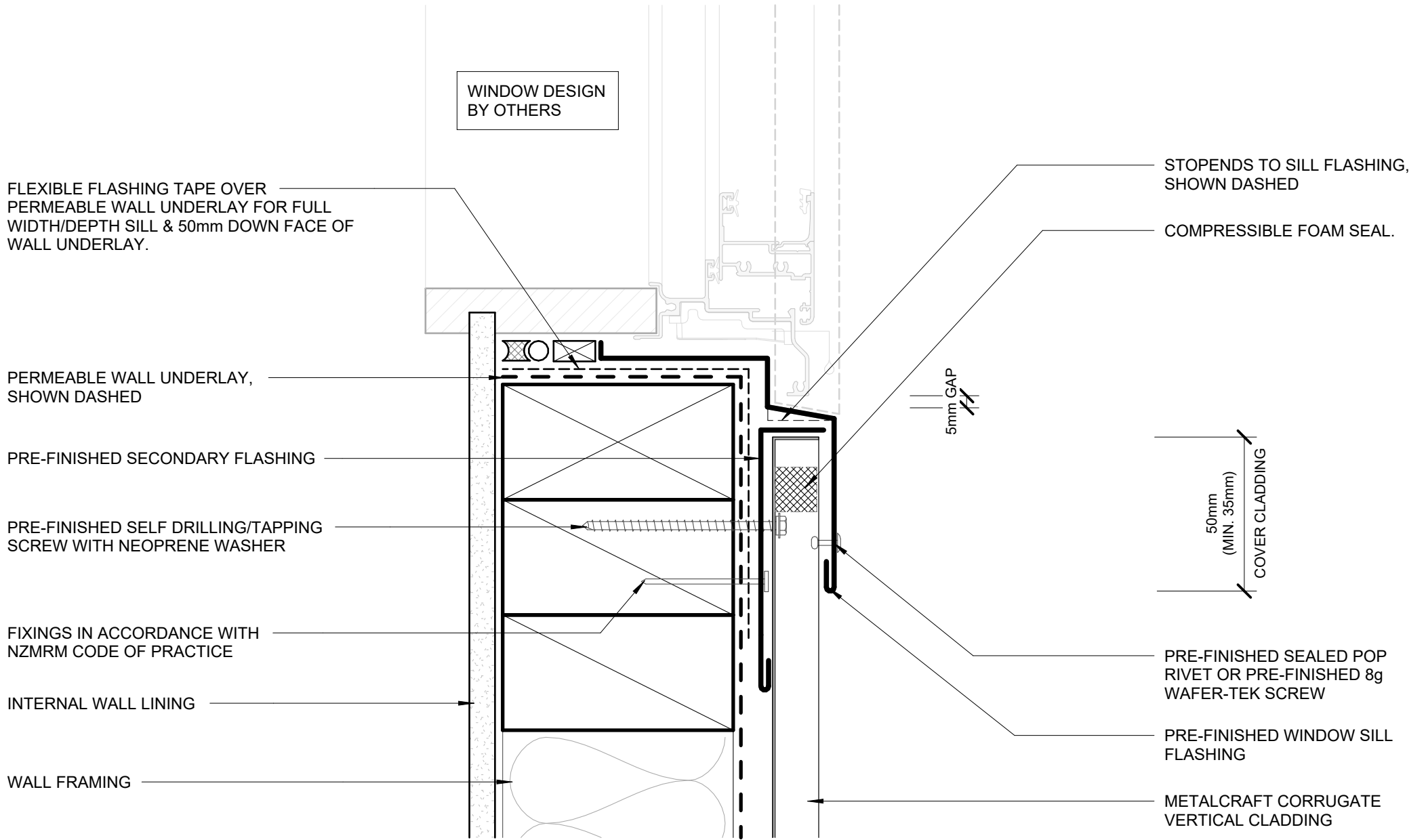
PERMEABLE WALL UNDERLAY, SHOWN DASHED

WALL FRAMING









20mm JAMB BATTENS

INTERNAL WALL LINING

PRE-FINISHED 8g WAFER-TEK
SCREW WITH NEOPRENE WASHER

FIXINGS IN ACCORDANCE WITH NZMRM CODE
OF PRACTICE

METALCRAFT CORRUGATE
VERTICAL CLADDING

PRE-FINISHED SECONDARY
FLASHING, IF REQUIRED

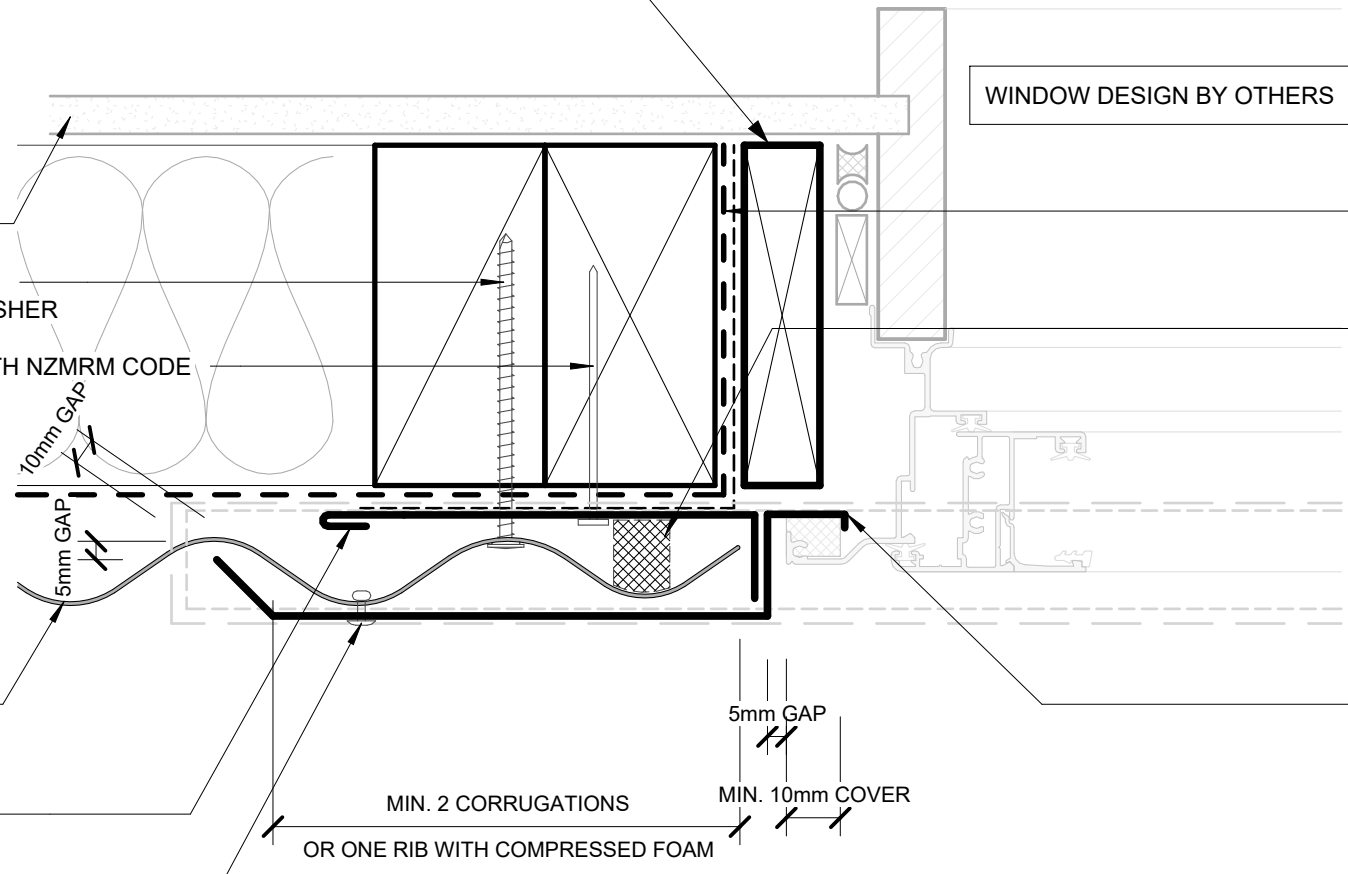
PRE-FINISHED SEALED POP
RIVET OR PRE-FINISHED 8g
WAFER-TEK SCREW

WINDOW DESIGN BY OTHERS

PERMEABLE WALL UNDERLAY,
SHOWN DASHED

COMPRESSIBLE FOAM SEAL.
WHEN ONE RIB COVER OR SED
WIND ZONE

PRE-FINISHED WINDOW
JAMB FLASHING



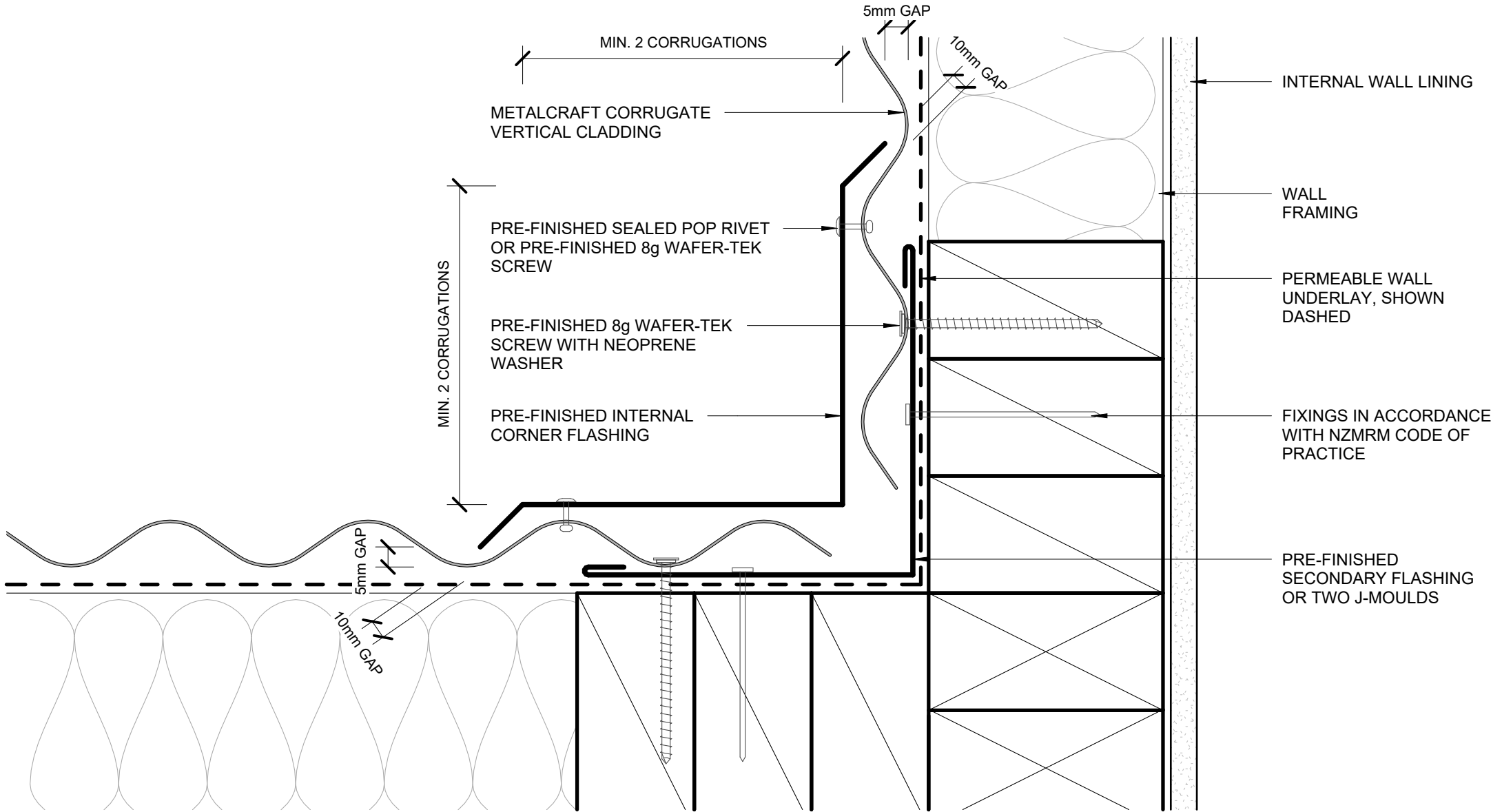
10mm GAP

5mm GAP

5mm GAP

MIN. 2 CORRUGATIONS
OR ONE RIB WITH COMPRESSED FOAM

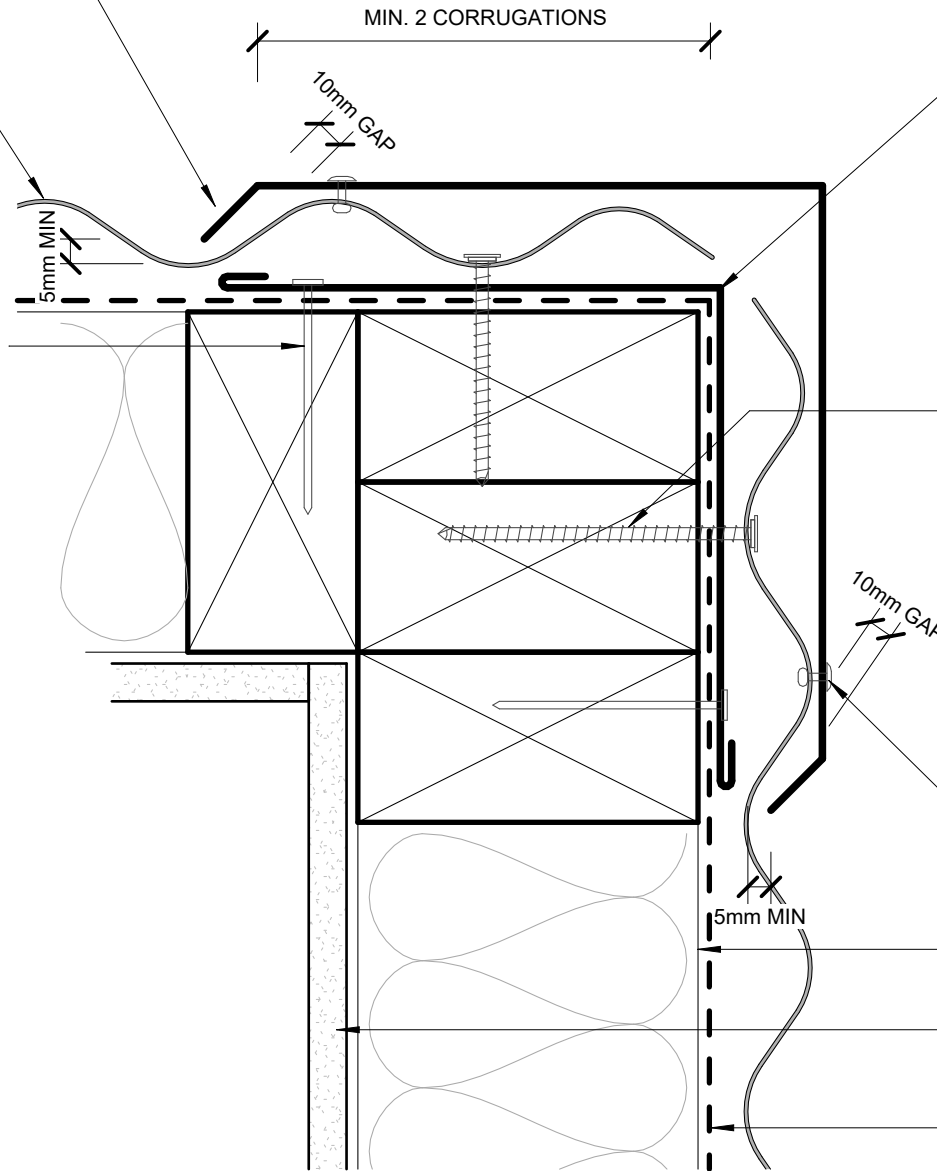
MIN. 10mm COVER



PRE-FINISHED EXTERNAL CORNER FLASHING

METALCRAFT CORRUGATE VERTICAL CLADDING

FIXINGS IN ACCORDANCE WITH NZMRM CODE OF PRACTICE



PRE-FINISHED SECONDARY FLASHING

PRE-FINISHED 8g WAFER-TEK SCREW WITH NEOPRENE WASHER

PRE-FINISHED SEALED POP RIVET OR PRE-FINISHED 8g WAFER-TEK SCREW

WALL FRAMING

INTERNAL WALL LINING

PERMEABLE WALL UNDERLAY, SHOWN DASHED

MIN. 2 CORRUGATIONS

10mm GAP

5mm MIN

MIN. 2 CORRUGATIONS

10mm GAP

5mm MIN

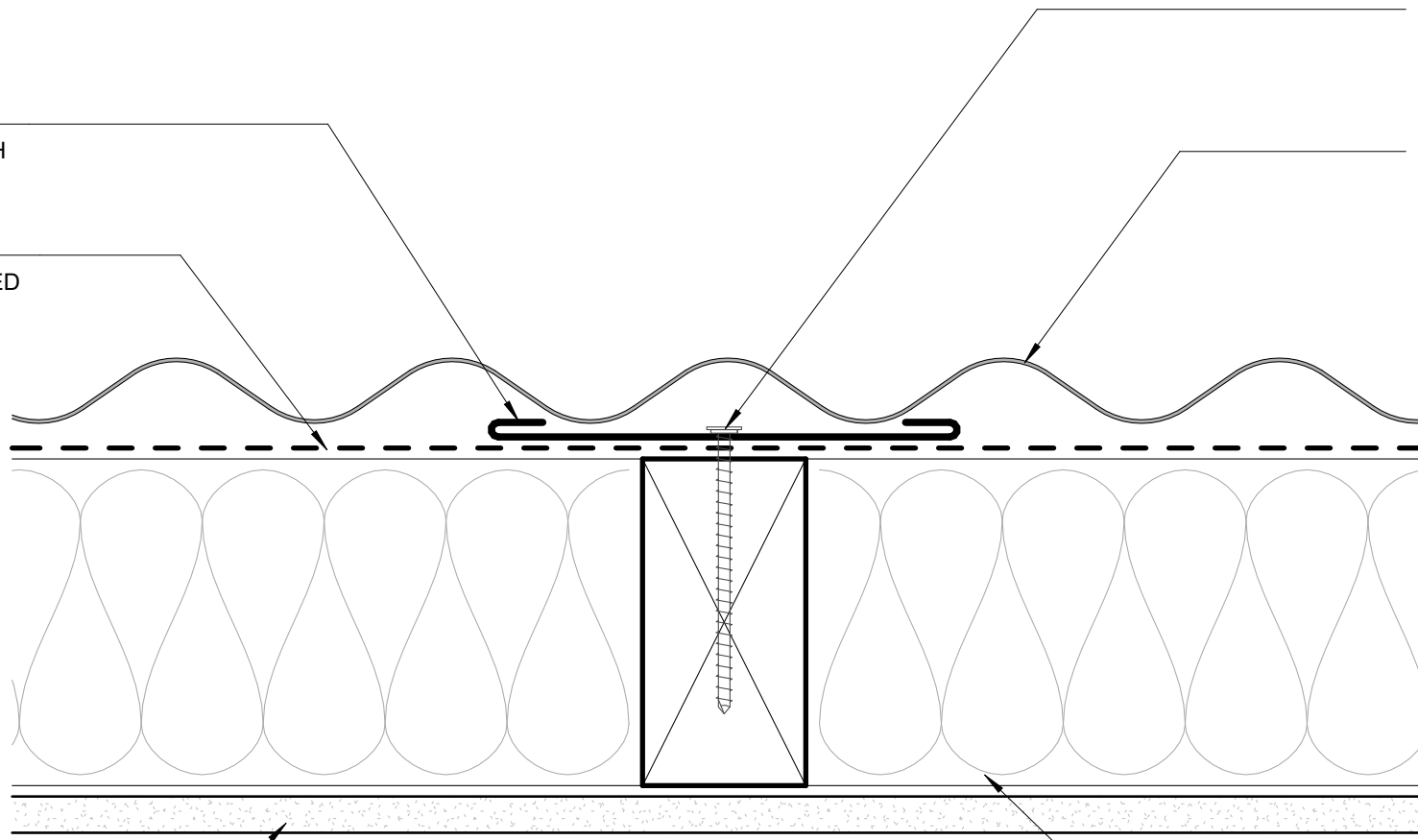
SOAKER FLASHING ONLY REQUIRED TO LINE UP WITH WINDOW JAMB ABOVE. REFER TO NZMRM CODE OF PRACTICE FOR REQUIREMENT.

PRE-FINISHED SOAKER FLASHING TO LINE UP WITH WINDOW JAMB ABOVE

PERMEABLE WALL UNDERLAY, SHOWN DASHED

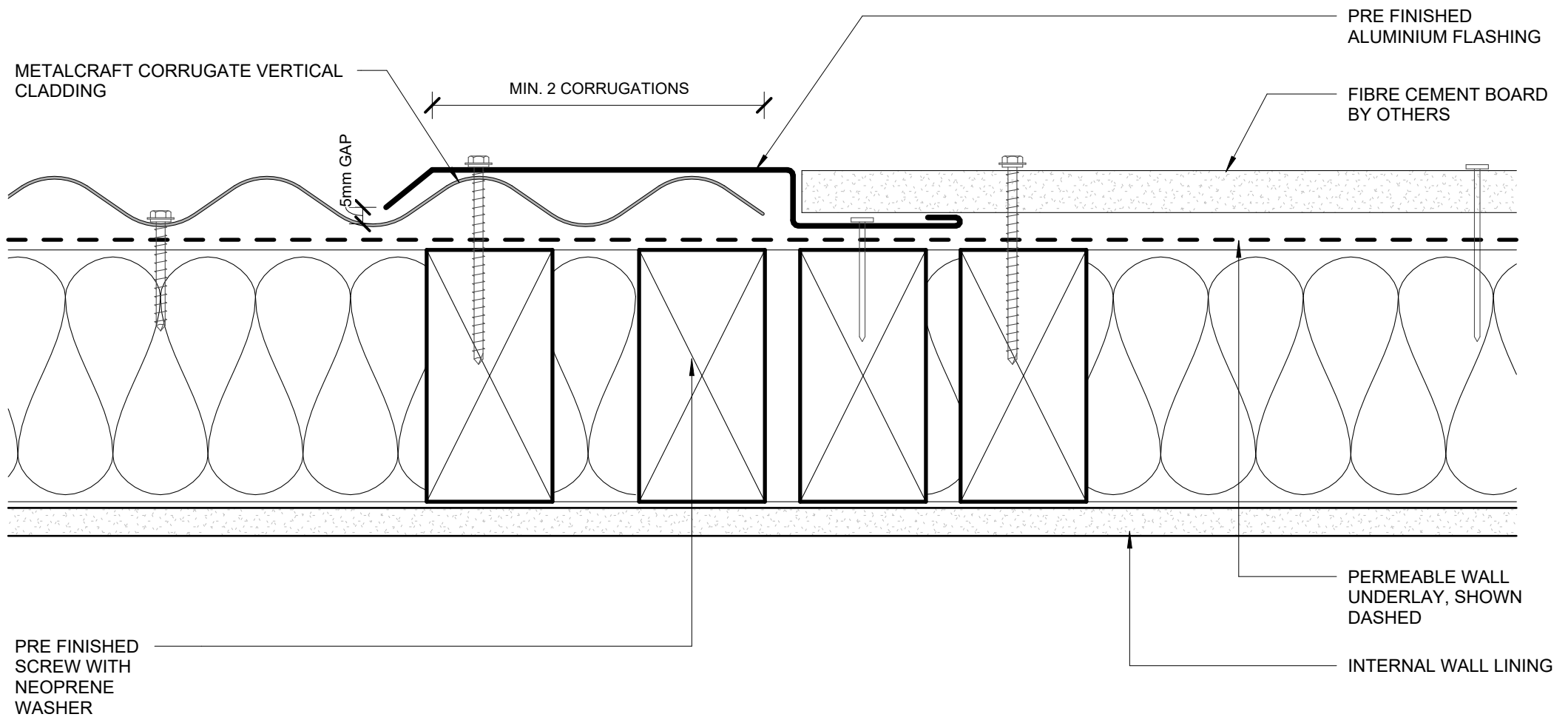
PRE-FINISHED 8g WAFERTEK SCREW WITH EPDM WASHER

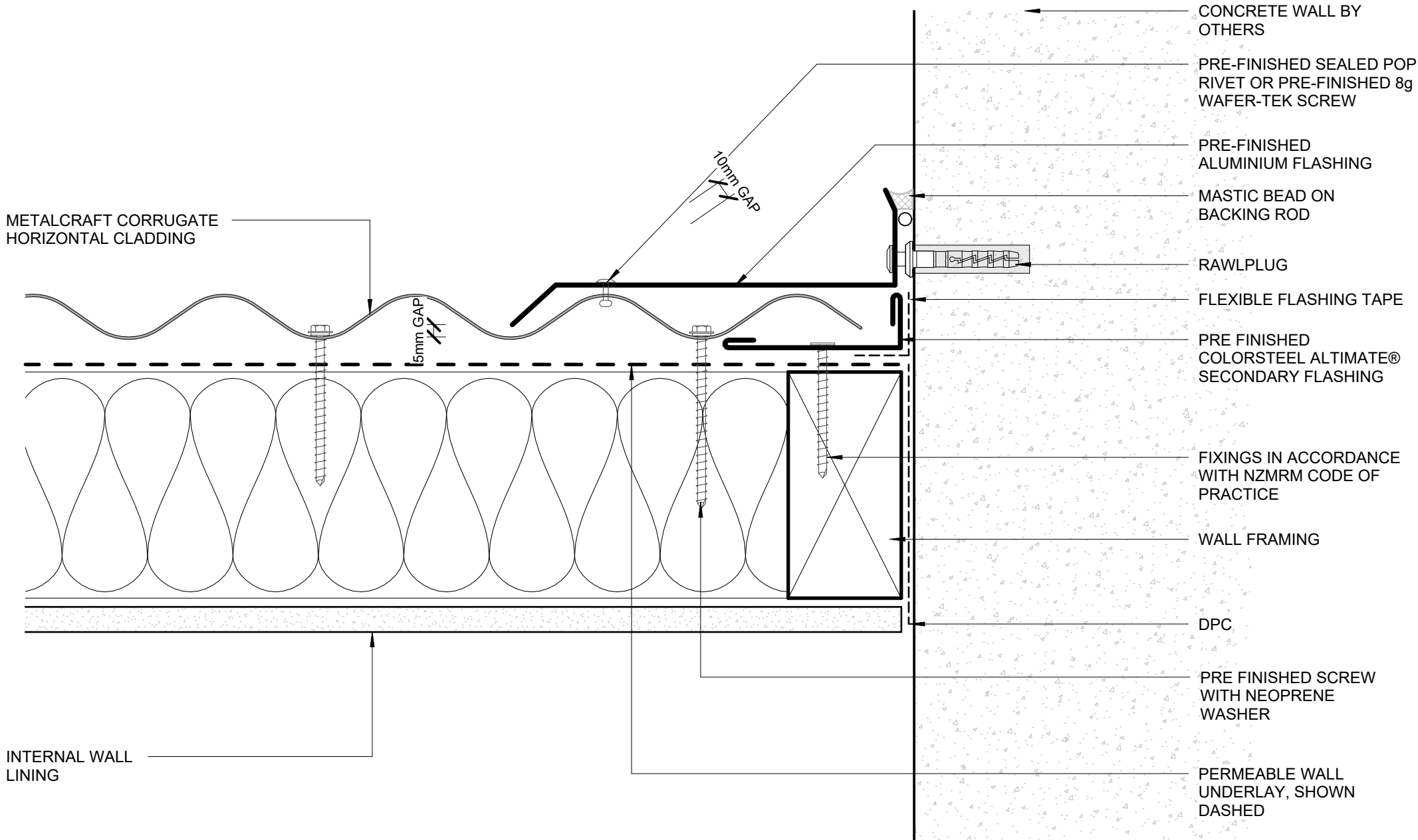
METALCRAFT CORRUGATE VERTICAL CLADDING



INTERNAL WALL LINING

WALL FRAMING



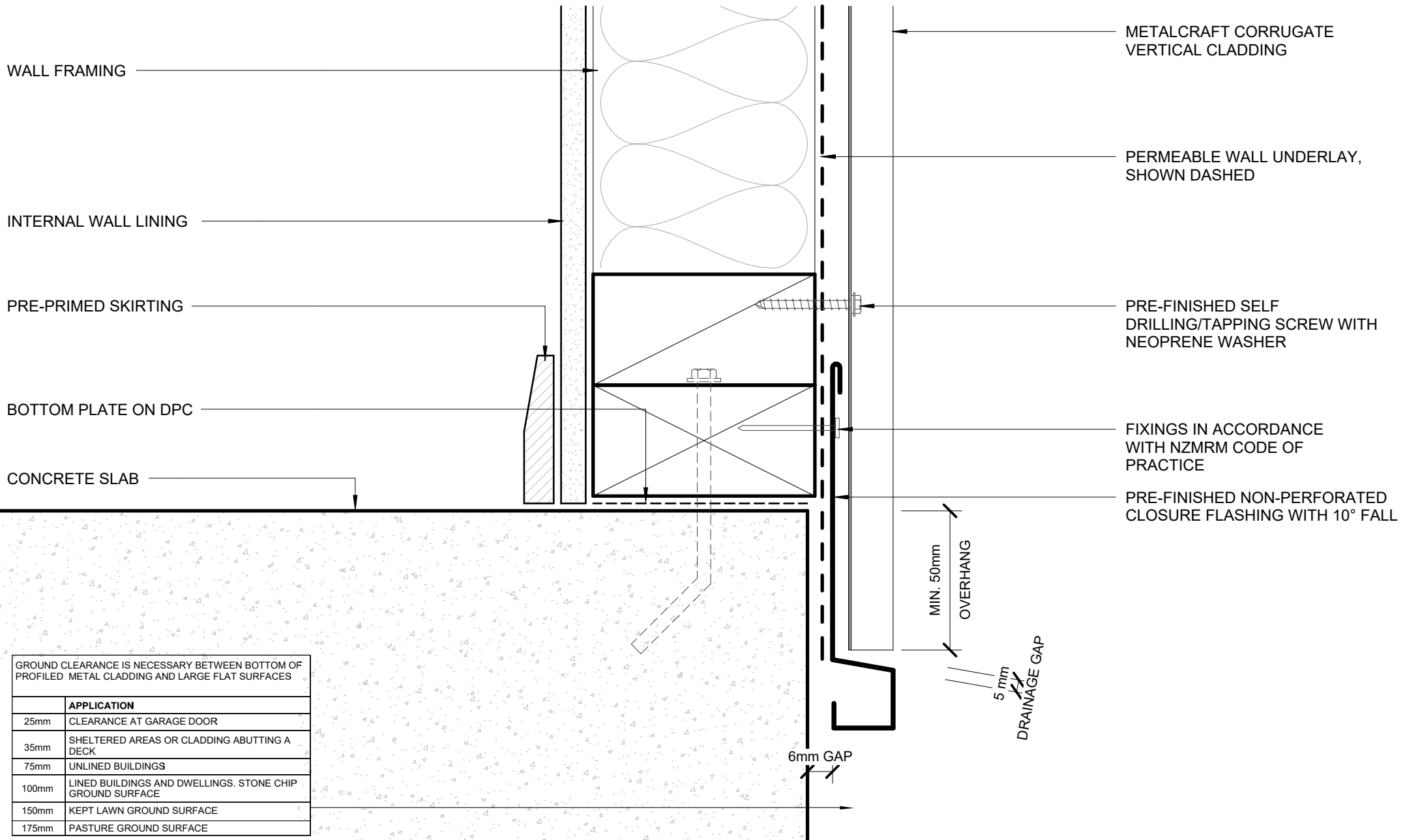


METALCRAFT CORRUGATE HORIZONTAL CLADDING

INTERNAL WALL LINING

- CONCRETE WALL BY OTHERS
- PRE-FINISHED SEALED POP RIVET OR PRE-FINISHED 8g WAFER-TEK SCREW
- PRE-FINISHED ALUMINIUM FLASHING
- MASTIC BEAD ON BACKING ROD
- RAWLPLUG
- FLEXIBLE FLASHING TAPE
- PRE FINISHED COLORSTEEL ALTIMATE® SECONDARY FLASHING
- FIXINGS IN ACCORDANCE WITH NZMRM CODE OF PRACTICE
- WALL FRAMING
- DPC
- PRE FINISHED SCREW WITH NEOPRENE WASHER
- PERMEABLE WALL UNDERLAY, SHOWN DASHED

DISCLAIMER:
 All details are to be used for indicative purposes only and the designer should consult both the NZMRM code of practice, E2 and all other relevant building codes
 Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

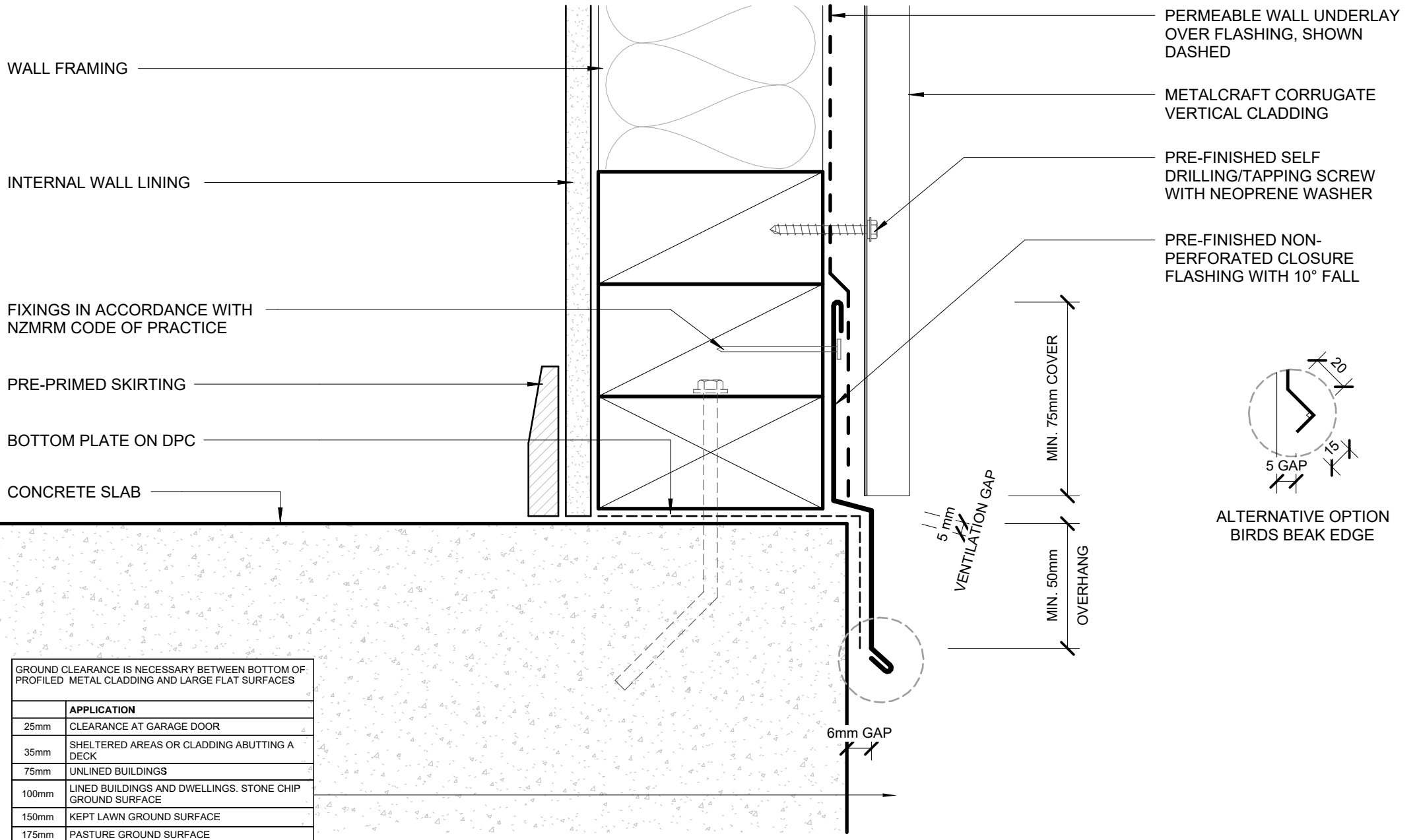


GROUND CLEARANCE IS NECESSARY BETWEEN BOTTOM OF PROFILED METAL CLADDING AND LARGE FLAT SURFACES

	APPLICATION
25mm	CLEARANCE AT GARAGE DOOR
35mm	SHELTERED AREAS OR CLADDING ABUTTING A DECK
75mm	UNLINED BUILDINGS
100mm	LINED BUILDINGS AND DWELLINGS. STONE CHIP GROUND SURFACE
150mm	KEPT LAWN GROUND SURFACE
175mm	PASTURE GROUND SURFACE

DISCLAIMER:
 All details are to be used for indicative purposes only and the designer should consult both the NZMRM code of practice, E2 and all other relevant building codes
 Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

BOTTOM OF CLADDING (FLUSH)



GROUND CLEARANCE IS NECESSARY BETWEEN BOTTOM OF PROFILED METAL CLADDING AND LARGE FLAT SURFACES

	APPLICATION
25mm	CLEARANCE AT GARAGE DOOR
35mm	SHELTERED AREAS OR CLADDING ABUTTING A DECK
75mm	UNLINED BUILDINGS
100mm	LINED BUILDINGS AND DWELLINGS. STONE CHIP GROUND SURFACE
150mm	KEPT LAWN GROUND SURFACE
175mm	PASTURE GROUND SURFACE

DISCLAIMER:
 All details are to be used for indicative purposes only and the designer should consult both the NZMRM code of practice, E2 and all other relevant building codes
 Details of the supporting mechanisms are indicative only. Compliance of the supporting mechanisms is the responsibility of the designer. Construction detail can vary for wall cladding. The underlay is detailed as a single line for simplicity and is indicative only. Building paper type and method of installation should comply with underlay manufacturers recommendations and NZBC regulations.

BOTTOM OF CLADDING (RECESSED)

